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**FEDEX OVERNIGHT DELIVERY**

Document Control Office (TS-7407M)  
**ATTN: TSCA SECTION 8(E) COORDINATOR**  
Office of Pollution Prevention and Toxics  
U.S. Environmental Protection Agency  
1201 Constitution Avenue, N.W.  
Washington, DC 20460

Contain NO CBI

**Subject: TSCA 8(e) Submission**

Dear Sir/Madam:

Parametrix is submitting the results of an acute toxicity study to *Daphnia magna* to the US EPA pursuant to Section 8(e) of the Toxic Substances Control Act. The study provides information on 1,3,2-dioxastannepin-4,7-dione, 2,2-dibutyl- (Dibutyltin maleate, CAS # 78-04-6).

This submission is being made by Parametrix, Inc. on behalf of the Organotin Environmental Programme (ORTEP) Association Member companies producing Dibutyltin maleate in the United States: ATOFINA Chemicals, Inc. and Crompton Corporation. The managing parties (ATOFINA Chemicals, Inc., Crompton Corporation, and Rohm and Haas Company) of this international consortium assert on behalf of the sponsoring companies that this notice does not involve effects in humans. It does not contain confidential business information [CBI] under TSCA.

The draft audited report for the acute toxicity of 1,3,2-dioxastannepin-4,7-dione, 2,2-dibutyl- (Dibutyltin maleate, CAS # 78-04-6) to the freshwater crustacean *Daphnia magna* is the basis for this submission. The EC<sub>50</sub> value was determined as described in the OECD Guideline No. 202 and the test was carried out in compliance with the OECD Principles of Good Laboratory Practice. The 48h EC<sub>50</sub> for mobility was determined to be 0.21mg/l.

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A saturated test solution was prepared as a Water Soluble Fraction (WSF). The actual test substance concentrations were determined by chemical analysis. The WSF contained 8.0 mg/l. The summarized results of the test are:

		<u>% of saturated solution</u>	<u>Measured concentration (mg/l)</u>
48h EC <sub>50</sub>	mobility	2.7	0.21
48h EC <sub>100</sub>	mobility	100	8.0
48h NOEC	mobility	1.0	0.079

Further questions regarding this submission may be directed to me at (425) 822-8880. Final reports are available to the Office of Pollution Prevention and Toxics upon request.

Best regards,  
PARAMETRIX, INC.



Terry Phipps  
Toxicologist III

cc: HPV sponsoring companies